

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

GREGSON H. PIGOTT, MD, MPH
Commissioner

February 7, 2022

Robert P. Gordon
Site Manager
U.S. Department of Energy
P.O. Box 5000
Upton, NY 11973-5000

**Re: Brookhaven National Laboratory PFAS Analytical Support for Three Suffolk
County Department of Health Services Profile Wells Located South of the
Laboratory Site**

Dear Mr. Gordon:

The Suffolk County Department of Health Services (SCDHS) appreciates Brookhaven National Laboratory's assistance in providing PFAS analytical support for three temporary profile wells (#1, #3 & #5) installed by the SCDHS south of the Laboratory site. For your reference, the locations of the wells are indicated on the enclosed map. The total number of PFAS samples anticipated to be collected for this effort is 52. Specific information on the wells and the estimated number of samples is summarized in the tables below:

Well #	Latitude	Longitude	Approx. Depth to Water	Well Depth	Estimated # Profile Levels
1	40.844562	-72.869154	51.25'	180'	14
3	40.851216	-72.85215	29.9'	140'	11
5	40.854653	-72.822022	10.6'	180'	17

Estimated QA/QC Samples	
Duplicate Samples	2
MS	2
MSD	2
Equipment Blanks	3
Field Reagent Blank	1



DIVISION OF ENVIRONMENTAL QUALITY – OFFICE OF WATER RESOURCES
360 Yaphank Avenue, Suite 1C, Yaphank, NY 11980
(631) 852-5810 | Fax (631) 852-5787

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Please note that the SCDHS plans to use our Public and Environmental Health Laboratory to analyze the samples for a comprehensive suite of analytes, which include: 1,4-dioxane, VOCs, metals, gross alpha and beta, tritium, inorganics. Pesticide and SVOC analyses will be analyzed as our laboratory resources permit, this will be determined on a weekly basis.

The SCDHS will share all laboratory results with BNL once we receive them from our laboratory. The process often takes several months. The SCDHS anticipates that the PFAS results from the samples analyzed by BNL's contract laboratory will likewise be shared with the SCDHS. We tentatively have planned for initiation of the well sampling in the April/May 2022 timeframe. We will provide at least 3 weeks of notice to BNL prior to the initiation of sampling to provide time for PFAS bottle ordering and other logistics to be arranged with the contract lab. I will be the main point of contact for the overall coordination of this project, and can be reached at (631) 852-5786. Ralph Milito of my staff will be the point of contact for the field sampling portion (e.g., bottle deliveries, contract lab contact, etc.) and he can be reached at (631) 852-5770. Please let me know if you have any questions or require any additional information. Thank you and I look forward to working with BNL on this cooperative project.

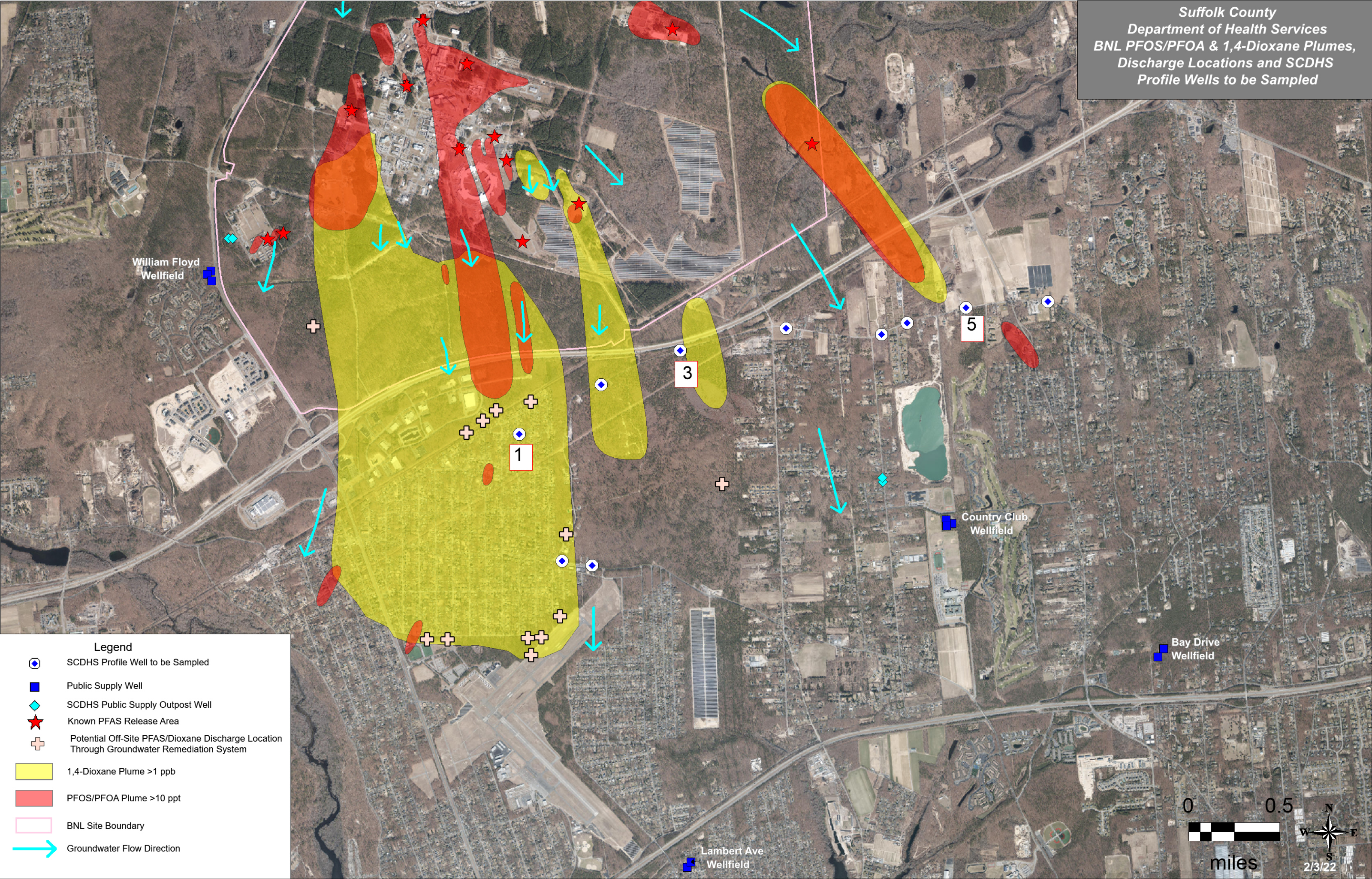
Sincerely,

Andrew Rapiejko

Andrew Rapiejko
Associate Hydrogeologist

cc: Jason Remien, BNL
Bill Dorsch, BNL
Doug Paquette, BNL
Jason Hime, P.E., SCDHS
Ralph Milito, SCDHS
Brian Jankauskas, P.E., NYSDEC
Sharon Hartzell, USEPA

enclosure



Legend

- SCDHS Profile Well to be Sampled
- Public Supply Well
- SCDHS Public Supply Outpost Well
- Known PFAS Release Area
- Potential Off-Site PFAS/Dioxane Discharge Location Through Groundwater Remediation System
- 1,4-Dioxane Plume >1 ppb
- PFOS/PFOA Plume >10 ppt
- BNL Site Boundary
- Groundwater Flow Direction